

Hi guys,
interesting problem.

Here is a solution I tried and tested with IBM ODM on Cloud.

DT

the age of the employee	the nb of year of service	the regular holiday amount is	the holidays bonus is
≥ 15	> 0	22	
< 18			5
< 45	[15 30[2
≥ 45	[15 30[4
< 60	≥ 30		5
≥ 60	≥ 30		8

Hypothesis

We suppose that :

- Employee cannot be hired before 15 years old (-> this implies that a 45 year old employee cannot have 30 years service too)
- Rule #1 is ambiguous as the situation of (employees > 60 years old and > 30 years of service) is not really clear
 - -> choice made : 5 days (could have been 10)
- The rule #3 can also be interpreted (employee [15,30] years service -> 2 days bonus and > 45 years old -> +2 days bonus also)
 - -> choice made 4 days (could have been 2)

Tested employees :

Employee 18 years, 1 year Service -> [22 regular days + 0 bonus]
Employee 30 years, 15 years Service -> [22 regular days + 2 bonus]
Employee 44 years, 10 years Service -> [22 regular days + 0 bonus]
Employee 44 years, 15 years Service -> [22 regular days + 2 bonus]
Employee 45 years, 15 years Service -> [22 regular days + 4 bonus]
Employee 45 years, 30 years Service -> [22 regular days + 5 bonus]
Employee 61 years, 30 years Service -> [22 regular days + 8 bonus]

Best,
Emmanuel

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Reminder: I have a new email.
Please update your contact list accordingly.

Emmanuel BONNET	Mail: emmanuel.bonnet at softeam.fr
Softeam Cadextan	Twitter: @ebonnet31 @softeam
http://www.softeam.fr	ScoopIt : http://www.scoop.it/t/decision-management

Tertial II, 4e Etage	
216, Route de St Simon	Direct : +33 (0)5.34.60.92.84
31100 TOULOUSE - FRANCE	Mob : +33 (0)6.59.86.60.46
